

Date: Monday, 10/22/2007 10:33:15 AM
 User: Kim Johnston

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: HARNESS ASSEMBLY
Job Number	: 35254		
Estimate Number	: 11380		
P.O. Number	: <i>N/A</i>	Part Number	: D3215043
This Issue	: 10/22/2007 S.O. No. : <i>N/A</i>	Drawing Number	: D3215 REVD
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: / /	Drawing Revision	: D
Previous Run	: 30606	Material	: <i>N/A</i>
Written By	:	Due Date	: 10/31/2007
Checked & Approved By	: <i>[Signature]</i>	Qty:	8 Um: Each
Comment	: Est. A 03.10.28 New Issue KJ/RF est B 07.06.12 ecn 940 EC		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PG	PURCHASING
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Comment: PURCHASING

Issue P/O: *4863* to Tulmar Safety Systems

D3215-043 as per Dwg D3215

Ship to Tulmar Certificate of Conformity is required

C 207110/22 (8)

2.0	D3215043	Harness Assembly
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 8.0000 Each(s)
 Harness Assembly

3.0	D32153	Webbing Tidy
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 16.0000 Each(s)

Webbing Tidy

Qty Part Number Description Batch

2 D3215-3 Webbing Tidy

5 X B 30614 / 11 X B 35283
~~*5 X B 30614 / 11 X B 35285*~~ *C2*

4.0	D32161	Fitting
-----	--------	---------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 16.0000 Each(s)

Fitting

Qty Part Number Description Batch

2 D3216-1 Fitting

4 X B 30615 / 2 X B 35284
~~*4 X B 30615 / 2 X B 35284*~~ *C2*

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: 12 Date: 07/11/09
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 10/22/2007 10:33:15 AM
User: Kim Johnston

Process Sheet

Customer: QU-DAR001 Dart Helicopters Services

Drawing Name: HARNESS ASSEMBLY

Job Number: 35254

Part Number: D3215043

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

D32163

Fitting



Comment: Qty.: 1.0000 Each(s)/Unit Total : 8.0000 Each(s)
Fitting

Qty Part Number Description Batch

1 D3216-3 Fitting ~~5-#XB 30616/3XB 3588~~ C2

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Receive & Inspect For Transit Damage

Ensure certificate of conformity is attached

7/11/07 SP 8X

7.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

6/11/07 (X8) CONT

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST 256

AS 07/11/08

9.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

(8) 07/11/09

Job Completion



U 07-11-08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

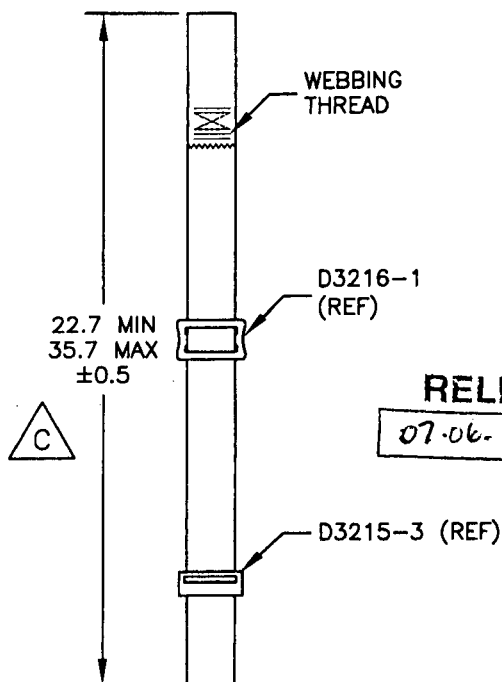
QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



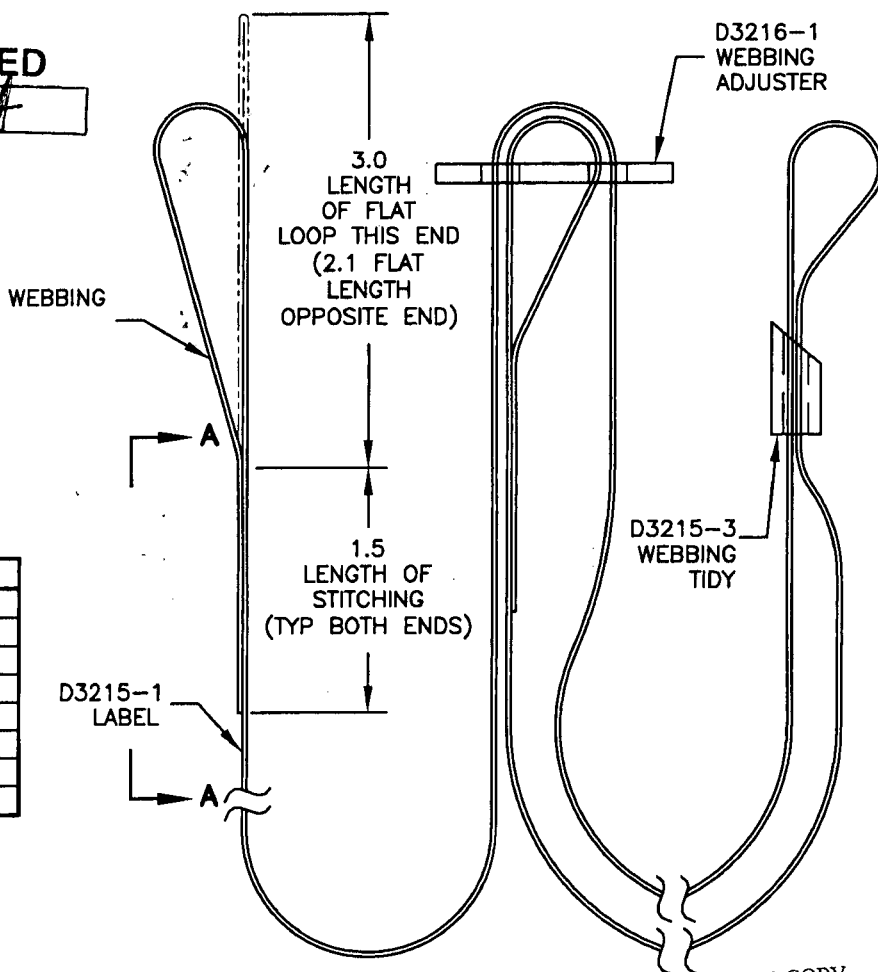
DESIGN <i>GP</i>	DRAWN BY <i>CB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3215	REV. D SHEET 1 OF 3
DATE 07.03.27	TITLE BELT ASSEMBLY	SCALE NTS	
A	03.09.19	NEW ISSUE	
B	04.01.12	AS MANUFACTURED; ADD TOLERANCE	
C	04.03.05	REDUCE LENGTH; CLARIFY STITCHING	
D	07.03.27	ADD WEBBING SUPPLIER; ADD LABEL THREAD AND MATERIAL; IN VIEW A-A, 1.4 WAS 1.8; ADD -3A AND -3B; UPDATE TOLERANCES	



ASSEMBLY DETAIL
NOT TO SCALE

PARTS LIST:

QTY	P/N	DESCRIPTION
X	D3215-041	BELT ASSEMBLY
AS REQ'D	SEE NOTE 1	WEBBING
AS REQ'D	SEE NOTE 1	WEBBING THREAD
AS REQ'D	SEE NOTE 1	LABEL THREAD
1	D3215-1	LABEL
1	D3215-3	WEBBING TIDY
1	D3216-1	WEBBING ADJUSTER



D3215-041 BELT ASSEMBLY:

- 1) MATERIAL: WEBBING = LAGRAN CANADA INC. 26472, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 5700 lb MIN
OR BELT TECH CANADA INC. 27039, 1.8 WIDE x 0.05 THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 6000 lb MIN

WEBBING THREAD = V-T-295 TYPE II CLASS A SIZE 3, BLACK NYLON THREAD
LABEL THREAD = V-T-295 TYPE II CLASS A SIZE F, BLACK NYLON THREAD

- 2) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
3) TOLERANCES ARE PER DART QSI 01B UNLESS OTHERWISE NOTED.
4) SEE SHEET 3 FOR VIEW A-A



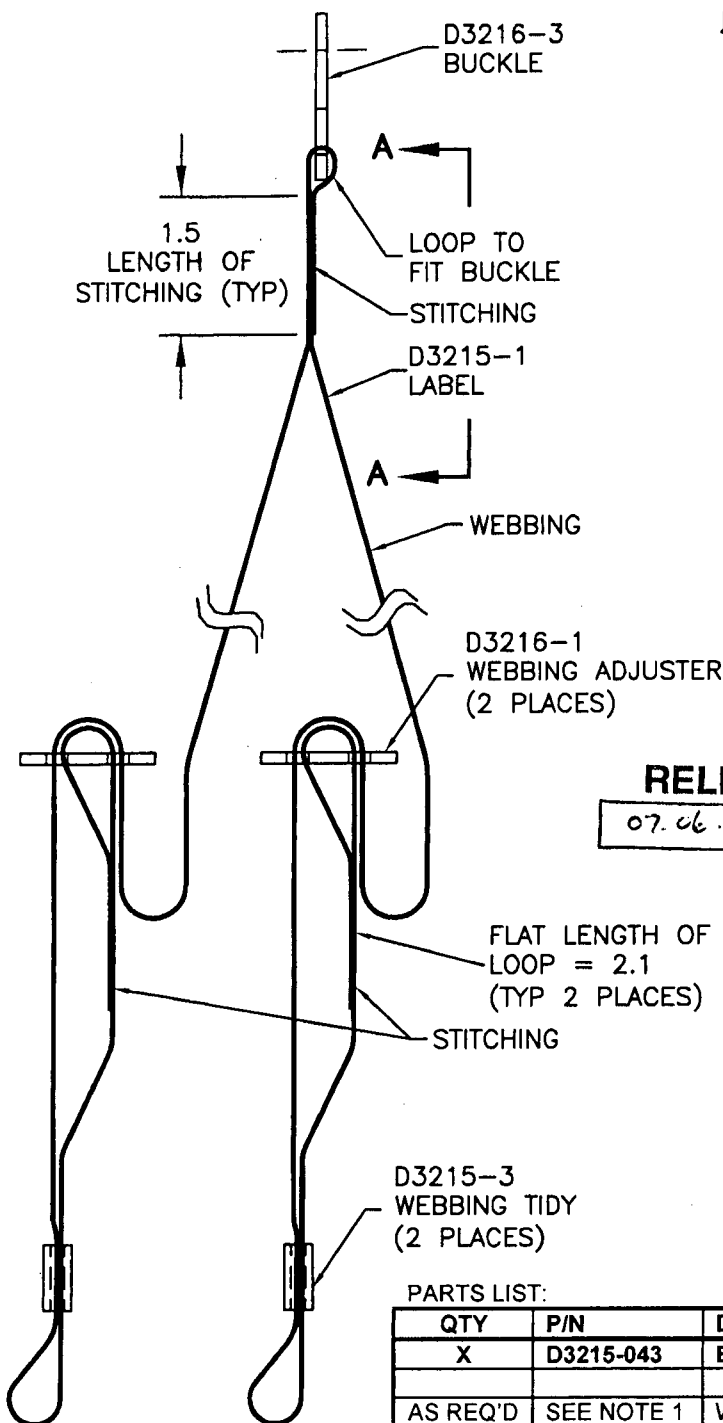
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CHECKED <i>CE</i>	APPROVED <i>#</i>	DRAWING NO. D3215	REV. D SHEET 2 OF 3
DATE 07.03.27		TITLE BELT ASSEMBLY	SCALE NTS

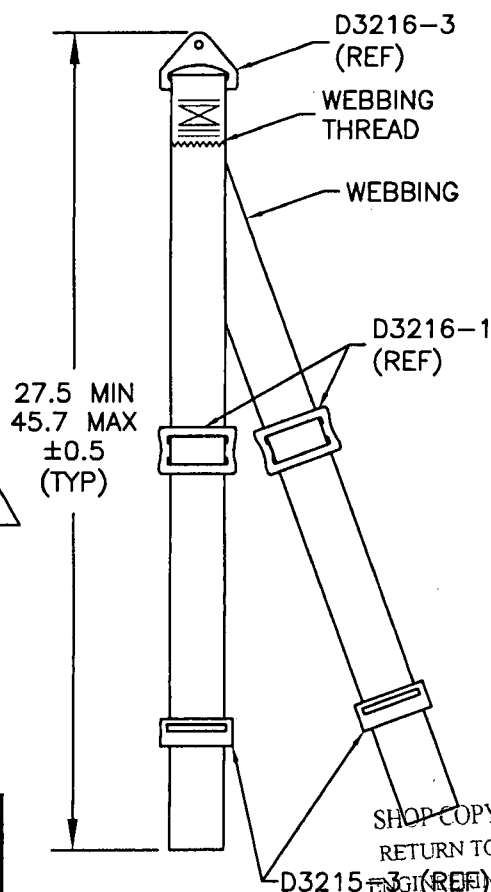


D3215-043 BELT ASSEMBLY:

- 1) MATERIAL:
WEBBING = LAGRAN CANADA INC. 26472, 1.8 WIDE
x 0.05 THICK BLACK POLYESTER WEBBING,
CERTIFIED TO FAR 29.853A3, TENSILE
STRENGTH 5700 lb MIN
OR BELT TECH CANADA INC. 27039, 1.8 WIDE
x 0.05 THICK BLACK POLYESTER WEBBING,
CERTIFIED TO FAR 29.853A3, TENSILE
STRENGTH 6000 lb MIN
WEBBING THREAD = V-T-295 TYPE II CLASS A SIZE 3,
BLACK NYLON THREAD
LABEL THREAD = V-T-295 TYPE II CLASS A SIZE F,
BLACK NYLON THREAD
2) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE
NOTED.
3) TOLERANCES ARE PER DART QSI 018 UNLESS
OTHERWISE NOTED.
4) SEE SHEET 3 FOR VIEW A-A

RELEASED

07.06.07



PARTS LIST:

QTY	P/N	DESCRIPTION
X	D3215-043	BELT ASSEMBLY
AS REQ'D	SEE NOTE 1	WEBBING
AS REQ'D	SEE NOTE 1	WEBBING THREAD
AS REQ'D	SEE NOTE 1	LABEL THREAD
1	D3215-1	LABEL
2	D3215-3	WEBBING TIDY
2	D3216-1	WEBBING ADJUSTER

ASSEMBLY DETAIL

NOT TO SCALE

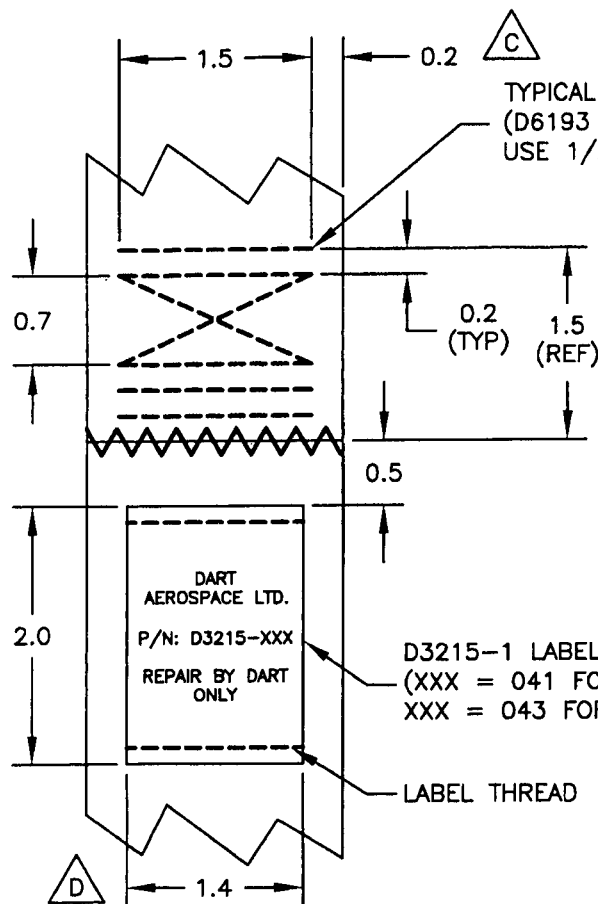
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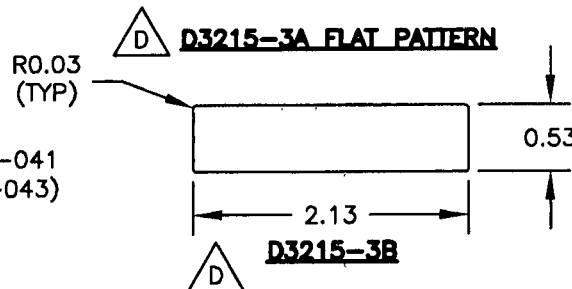
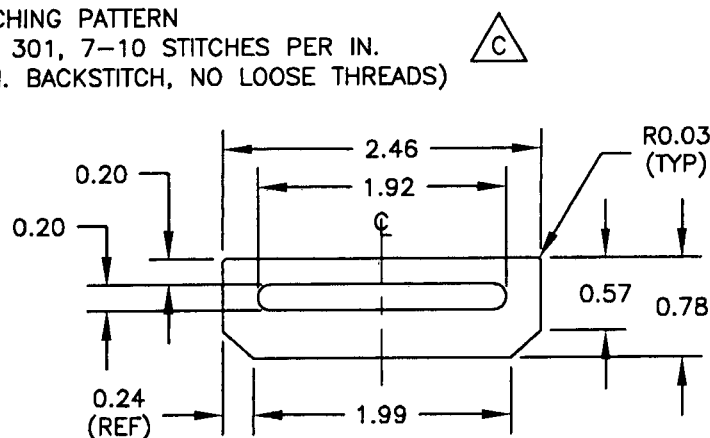
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CHECKED <i>CE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3215	REV. D SHEET 3 OF 3
DATE 07.03.27		TITLE HARNESS ASSEMBLY	SCALE 3:2



VIEW A-A



D3215-3A/-3B NOTES:

- 1) MATERIAL: 5052-H32 ALUMINUM SHEET, 0.040 THICK PER QQ-A-250/8 OR AMS 4016 (REF DART SPEC. M5052H32S.040)
- 2) BEND D3215-3A PER D3215-3

D3215-1 LABEL:

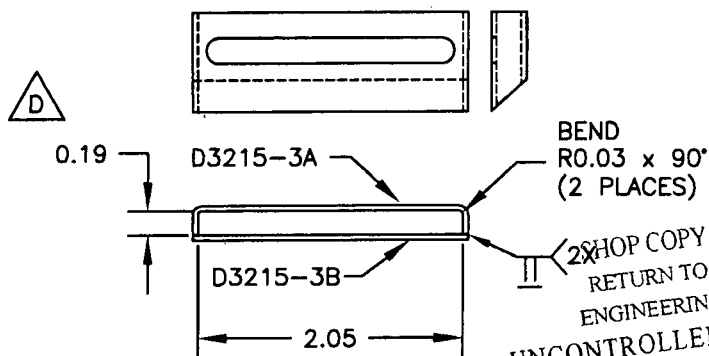
- 1) MATERIAL: WHITE TYVEK OR WHITE POLYESTER WHICH MEETS FMVSS 302
- 2) USE 1/8 BLACK LETTERING
- 3) CENTER ON BELT WIDTH

RELEASED

07.06.07

GENERAL NOTES:

- 1) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED



D3215-3 WEBBING TIDY

D3215-3 NOTES:

- 1) WELD PER DART QSI 004
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT BLACK SANDEX (4.3.5.7) PER DART QSI 005 4.3

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RELEASE NOTE

TULMAR

Release Note No.
R92-27498
Ship Date

7-Nov-07

Tulmar Safety Systems Inc.
23 Cameron Street
Hawkesbury, ON K6A 2B8 CA
tel: 613-632-1262
fax: 613-632-2030
www.tulmar.com
mail: info@tulmar.com

Ship To:

Dart Aerospace
1270 Aberdeen Street
Tel: 613-632-9577
Contact: C. Lavoie
Hawkesbury, ON K6A 1K7. Canada
613-632-3336

Not:
Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Order No. 20412
Order Date 22-Oct-07

Customer No. CDART100

Sales Rep. Barney Bangs

Customer PO Number PO00004863

Ship Via Pick-Up

Packing Slip No. 27498

Item No.

Description

Qty

UOM

Qty Shipped/Returned

Qty Backordered

937
Belt Ass'y, 1/2" wide, Black Webbing
Drawing No: D3215-041
Rev: D

42

EA

42

Comments:
Lot No: BATCH0000000021 Qty: 42

937
Belt Ass'y, 1/2" wide, Black Webbing
Drawing No: D3215-041
Rev: D

8

EA

8

Comments: Revised PO rec'd on 10/31/07
Lot No: BATCH0000000020 Qty: 8

8938
Belt Ass'y, 1/2" wide, black Webbing
Drawing No: D3215-043
Rev: D

8

EA

8

Comments:
Lot No: BATCH0000000015 Qty: 8

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

This release note is a Certificate of Conformance and I hereby certify that the items listed hereon have been inspected tested and conform to all specifications and requirements detailed in the contract or purchase order Objective evidence to support this release note is on file and can be made available upon request

Sheranne Hawthier
Authorized Inspector

11/07/2007

Date

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
MID: CATULSAF1123HAW
email: info@tulmar.com

Bill No:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Packing Slip No.

27498

Ship Date

7-Nov-07

Ship To:

Dart Aerospace
1270 Aberdeen Street
Tel: 613-632-9577
Contact: C. Lavoie
Hawkesbury, ON K6A 1K7. Canada
613-632-3336

Order No.	Order Date	Customer No.	Sales Rep.	Release Note No.
20412	22-Oct-07	CDART100	Barney Bangs	R92-27498
Customer PO Number		Ship Via	PPD/COL	
PO00004863		Pick-Up		
Item No.		Qty	UOM	Qty Shipped/Returned
Description				Qty Backordered

8937
Belt Ass'y, 1/2" wide, Black Webbing
Drawing No: D3215-041
Rev: D
Comments:
Lot No: BATCH0000000021 Qty: 42

42 EA 42

8937
Belt Ass'y, 1/2" wide, Black Webbing
Drawing No: D3215-041
Rev: D
Comments: Revised PO rec'd on 10/31/07
Lot No: BATCH0000000020 Qty: 8

8 EA 8

8938
Belt Ass'y, 1/2" wide, black Webbing
Drawing No: D3215-043
Rev: D
Comments:
Lot No: BATCH0000000015 Qty: 8

8 EA 8

Handwritten signature: C. Lavoie